

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/008248 A3

(51) International Patent Classification⁷: G01N 33/574,
33/569, C12Q 1/68, G01N 33/573, C07K 14/47, 14/79,
14/82, A61K 48/00, 38/00, 39/395

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(21) International Application Number:
PCT/US2004/023014

(22) International Filing Date: 16 July 2004 (16.07.2004)

(25) Filing Language: English

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

(26) Publication Language: English

(30) Priority Data:
60/488,344 18 July 2003 (18.07.2003) US

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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(88) Date of publication of the International search report:
9 June 2005

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

WO 2005/008248 A3

(54) Title: DIAGNOSIS AND TREATMENT OF CERVICAL CANCER

(57) Abstract: In certain aspects, the invention relates to methods of diagnosing cervical cancer by using a combination of certain biomarkers such as hTERT, IGFBP-3, transferrin receptor, beta-catenin, Myc-HPV E6 interaction, HPV E7, and telomere length. In other aspects, the invention relates to methods of detecting immortalization of cervical cells by using a combination of certain biomarkers. In yet other aspects, the invention relates to methods of classifying the grade of a cervical lesion for diagnostic and prognostic purposes in a female. In further aspects, the invention relates to methods of treating cervical cancer by administering a therapeutic agent that targets one or more of these biomarkers.